

Abstract

The present invention provides a multi fiber optical ferrule, a tool for forming the ferrule, and a method of making the ferrule. The multi fiber optical ferrule is formed of two ferrule halves which are either molded or cast as imprecise blanks which are machined using a broach in order to precisely cut inner surfaces thereof for receiving an array of fibers. The inner surfaces of a pair of ferrule halves are cut simultaneously in order to assure accuracy in the fiber receiving and pin receiving channels. The halves are joined together with a fiber array placed therebetween to form the ferrule.